



PTO/SB/21 (04-07)

**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

6

Application Number

10/677,131

Filing Date

September 30, 2003

First Named Inventor

Balint, Robert F.

Art Unit

1639

Examiner Name

Teresa D. Wessendorf

Attorney Docket Number

021167-001100US

**ENCLOSURES** (Check all that apply)Fee Transmittal Form- PTO/SB/17  
in duplicate

Fee Attached



Amendment/Reply



After Final



Affidavits/declaration(s)



Extension of Time Request



Express Abandonment Request

Information Disclosure Statement  
w/form PTO/SB/08A&BCertified Copy of Priority  
Document(s)Reply to Missing Parts/ Incomplete  
ApplicationReply to Missing Parts  
under 37 CFR 1.52 or 1.53

Drawing(s)



Licensing-related Papers



Petition

Petition to Convert to a  
Provisional ApplicationPower of Attorney, Revocation  
Change of Correspondence Address

Terminal Disclaimer



Request for Refund



CD, Number of CD(s) \_\_\_\_\_



Landscape Table on CD



After Allowance Communication to TC

Appeal Communication to Board  
of Appeals and InterferencesAppeal Communication to TC  
(Appeal Notice, Brief, Reply Brief)

Proprietary Information



Status Letter

Other Enclosure(s) (please identify  
below):

Return Postcard

Remarks

The Commissioner is authorized to charge any additional fees to Deposit  
Account 20-1430.**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name

Townsend and Townsend and Crew LLP

Signature

Printed name

Jean M. Lockyer, Ph.D.

Date

August 20, 2007

Reg. No.

44,879

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Signature

Typed or printed name

Malinda C. Dagit

Date

20 Aug. 2007



AUG 23 2007

PTO/SB/17 (07-07)

Effective on 12/08/2004.  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# FEE TRANSMITTAL

## For FY 2007

☒ Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** (\$) 180

**Complete if Known**

Application Number	10/677,131
Filing Date	September 30, 2003
First Named Inventor	Balint, Robert F.
Examiner Name	Teresa D. Wessendorf
Art Unit	1639
Attorney Docket No.	021167-001100US

**METHOD OF PAYMENT (check all that apply)**
☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Account Deposit Account Number: 20-1430 Deposit Account Name: Townsend and Townsend and Crew LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**FEE CALCULATION**
**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Small Entity		Small Entity		Small Entity		
	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180
<b>Total Claims</b>		
<b>Extra Claims</b>		
<b>Fee (\$)</b>		
<b>Fee Paid (\$)</b>		
-20 or HP = _____ x _____ = _____		
HP = highest number of total claims paid for, if greater than 20		
<b>Indep. Claims</b>		
<b>Extra Claims</b>		
<b>Fee (\$)</b>		
<b>Fee Paid (\$)</b>		
-3 or HP = _____ x _____ = _____		
HP = highest number of independent claims paid for, if greater than 3		

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

<b>Total Sheets</b>	<b>Extra Sheets</b>	<b>Number of each additional 50 or fraction thereof</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>
_____ - 100 = _____	_____ / 50 = _____	(round up to a whole number) x _____	= _____	

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Submission of Information Disclosure Stmt 180

**SUBMITTED BY**

Signature	Registration No. (Attorney/Agent)	Telephone
Name (Print Type)		
Jean M. Lockyer	44,879	415-576-0200
		Date August 20, 2007

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

On 20 Aug. 2007

TOWNSEND and TOWNSEND and CREW LLP

By: Malinda Cudajit

Attorney Docket No.: 021167-001100US

PATENT



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Robert F. BALINT and Jeng-Horng HER

Application No.: 10/677,131

Filed: September 30, 2003

For: METHODS FOR AFFINITY  
MATURATION

Confirmation No.: 3895

Examiner: Teresa D. Wessendorf

Art Unit: 1639

SUPPLEMENTAL INFORMATION  
DISCLOSURE STATEMENT UNDER  
37 CFR §1.97 and §1.98

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A&B are being called to the attention of the Examiner. In compliance with the requirements of 37 CFR §1.98(a)(2), copies of U.S. references B1-B2 are not enclosed. In accordance with 37 CFR §1.98(d), a copy of reference B3 can be found in Application No. 10/208,730, filed July 29, 2002, (Attorney Docket No. 021167-000330US).

The B1 and B2 references were cited during prosecution of parent Application No. 10/208,730 (Office Action dated December 28, 2005). Reference B3 was cited in a Supplementary European Search Report that issued in an EP case corresponding to parent

10677131

201430

00000016

SSESHE1

08/28/2007

180.00 DA

01 FC:1806

application serial no. 10/208,730. Applicant understands the Examiner can access papers from the prosecution of the cited cases electronically via PALM. However, if the Examiner has difficulty obtaining papers from that source he or she are invited to call the undersigned who will be happy to supply them.

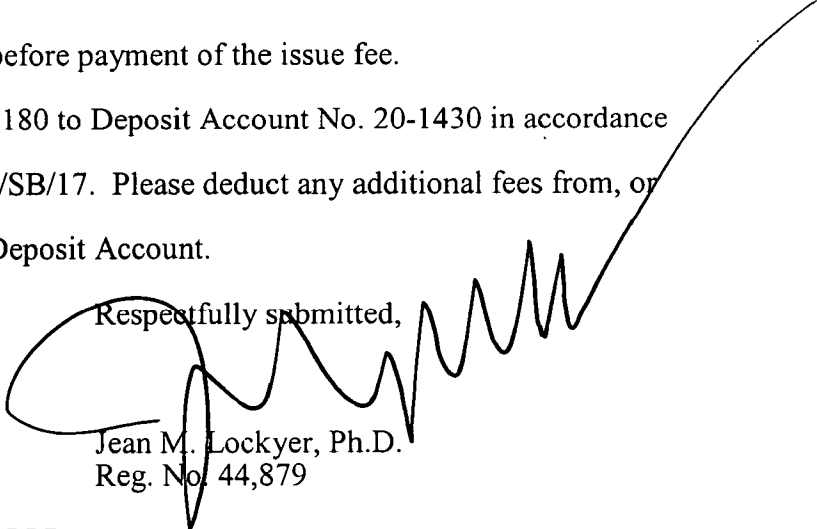
It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR §1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

This IDS is being filed on or before payment of the issue fee.

Please charge the IDS fee of \$180 to Deposit Account No. 20-1430 in accordance with the accompanying Fee Transmittal PTO/SB/17. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

  
Jean M. Lockyer, Ph.D.  
Reg. No. 44,879

TOWNSEND and TOWNSEND and CREW LLP  
Two Embarcadero Center, Eighth Floor  
San Francisco, California 94111-3834  
Tel: 415-576-0200  
Fax: 415-576-0300  
JML:bmb  
61123416 v1



<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/677,131
				Filing Date	September 30, 2003
				First Named Inventor	Balint, Robert F.
				Art Unit	1639
				Examiner Name	Teresa D. Wessendorf
Sheet	1	of	1	Attorney Docket Number	021167-001100US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code <sup>2</sup> (if known)			
	B1	US-5,503,977 A	04-02-1996	JOHNSON, Nils and VARSHAVSKY, Alexander	
	B2	US-2003-0054413 A1	03-20-2003	KUMARASWAMY, Sriram, et al.	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>2</sup>
	B3	WEHRMAN, Tom, et al.; "Protein-protein interactions monitored in mammalian cells via complementation of $\beta$ -lactamase enzyme fragments," <u>PNAS</u> ; March 19, 2002; pp. 3469-3474; 99:6.		<input type="checkbox"/>

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.